



HYDRIC SOILS LIST
St. Johns County, Florida: Detailed Soil Map Legend

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
1: ADAMSVILLE FINE SAND	ADAMSVILLE	No	---	---	---	---	---	1,785
	IMMOKALEE	No	---	---	---	---	---	105
	TAVARES	No	---	---	---	---	---	105
	ZOLFO	No	---	---	---	---	---	105
2: ASTATULA FINE SAND, 0 TO 8 PERCENT SLOPES	ASTATULA	No	---	---	---	---	---	4,548
	ORSINO	No	---	---	---	---	---	268
	PAOLA	No	---	---	---	---	---	268
	TAVARES	No	---	---	---	---	---	268
3: MYAKKA FINE SAND	MYAKKA	No	---	---	---	---	---	27,832
	MYAKKA	Yes	marine terrace	2B1	YES	NO	NO	7,952
	FLORIDANA	Yes	marine terrace	2B2	YES	NO	NO	1,988
	ONA	No	---	---	---	---	---	1,988
4: MYAKKA FINE SAND, DEPRESSIONAL	MYAKKA	Yes	marsh	2B3,3	YES	NO	YES	2,392
	WESCONNETT	Yes	depression	2B3,3	YES	NO	YES	598
5: ST. JOHNS FINE SAND, DEPRESSIONAL	ST. JOHNS	Yes	marsh	2B1,3	YES	NO	YES	4,632
	WESCONNETT	Yes	depression	2B3,3	YES	NO	YES	1,158
6: TAVARES FINE SAND, 0 TO 5 PERCENT SLOPES	TAVARES	No	---	---	---	---	---	9,052
	ADAMSVILLE	No	---	---	---	---	---	532
	ASTATULA	No	---	---	---	---	---	532
	ORSINO	No	---	---	---	---	---	532
7: IMMOKALEE FINE SAND	IMMOKALEE	No	---	---	---	---	---	14,000
	IMMOKALEE	Yes	marine terrace	2B1	YES	NO	NO	4,000
	POTTSBURG	No	---	---	---	---	---	1,000
	WINDER	Yes	marine terrace	2B3	YES	NO	NO	1,000
8: ZOLFO FINE SAND	ZOLFO	No	---	---	---	---	---	6,826
	ADAMSVILLE	No	---	---	---	---	---	402
	IMMOKALEE	No	---	---	---	---	---	402
	ONA	No	---	---	---	---	---	402
9: POMONA FINE SAND	POMONA	No	---	---	---	---	---	18,466
	POMONA	Yes	marine terrace	2B1	YES	NO	NO	5,276

HYDRIC SOILS LIST--Continued
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11: SMYRNA FINE SAND	BAKERSVILLE	Yes	marine terrace	2B2	YES	NO	NO	1,319
	ST. JOHNS	Yes	marine terrace	2B1	YES	NO	NO	1,319
	SMYRNA	No	---	---	---	---	---	7,462
	SMYRNA	Yes	marine terrace	2B1	YES	NO	NO	2,132
	IMMOKALEE	No	---	---	---	---	---	533
	ST. JOHNS	Yes	marine terrace	2B1	YES	NO	NO	533
12: ONA FINE SAND	ONA	No	---	---	---	---	---	3,328
	ONA	Yes	marine terrace	2B1	YES	NO	NO	1,024
	ADAMSVILLE	No	---	---	---	---	---	256
	ST. JOHNS	Yes	marine terrace	2B1	YES	NO	NO	256
	TOCOI	No	---	---	---	---	---	256
	ST. JOHNS	Yes	marine terrace	2B1	YES	NO	NO	5,456
13: ST. JOHNS FINE SAND	ST. JOHNS	No	---	---	---	---	---	2,976
	MYAKKA	No	---	---	---	---	---	496
	ONA	Yes	marine terrace	2B1	YES	NO	NO	496
	SMYRNA	No	---	---	---	---	---	496
	CASSIA	No	---	---	---	---	---	3,728
	IMMOKALEE	No	---	---	---	---	---	233
14: CASSIA FINE SAND	JONATHAN	No	---	---	---	---	---	233
	MYAKKA	No	---	---	---	---	---	233
	POMELLO	No	---	---	---	---	---	233
	POMELLO	No	---	---	---	---	---	3,698
	CASSIA	No	---	---	---	---	---	435
	IMMOKALEE	No	---	---	---	---	---	218
15: POMELLO FINE SAND, 0 TO 5 PERCENT SLOPES	ORSINO	No	---	---	---	---	---	1,998
	PAOLA	No	---	---	---	---	---	118
	POMELLO	No	---	---	---	---	---	118
	TAVARES	No	---	---	---	---	---	118
16: ORSINO FINE SAND, 0 TO 5 PERCENT SLOPES	FLORIDANA	Yes	flood plain	2B1,4	YES	YES	NO	3,896
	HOLOPAW	Yes	flood plain	2B2,4	YES	YES	NO	487
	RIVIERA	Yes	flood plain	2B1,4	YES	YES	NO	487

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
19: POMPANO FINE SAND	POMPANO	No	---	---	---	---	---	2,301
	POMPANO	Yes	marine terrace	2B1	YES	NO	NO	708
	ADAMSVILLE	No	---	---	---	---	---	177
	HOLOPAW	Yes	marine terrace	2B2	YES	NO	NO	177
	RIVIERA	Yes	marine terrace	2B1	YES	NO	NO	177
21: WABASSO FINE SAND	WABASSO	No	---	---	---	---	---	2,004
	WABASSO	Yes	marine terrace	2B1	YES	NO	NO	668
	FLORIDANA	Yes	marine terrace	2B2	YES	NO	NO	334
	EAUGALLIE	No	---	---	---	---	---	167
	ELLZEY	No	---	---	---	---	---	167
22: MANATEE FINE SANDY LOAM, FLOODED	MANATEE	Yes	flood plain	2B3,4	YES	YES	NO	2,796
	BLUFF	Yes	flood plain	4,2B3	YES	YES	NO	164
	PARKWOOD	Yes	flood plain	4,2B3	YES	YES	NO	164
	RIVIERA	Yes	flood plain	2B1,4	YES	YES	NO	164
23: PAOLA FINE SAND, 0 TO 8 PERCENT SLOPES	PAOLA	No	---	---	---	---	---	1,305
	ASTATULA	No	---	---	---	---	---	72
	ORSINO	No	---	---	---	---	---	72
24: PELLICER SILTY CLAY LOAM, FLOODED	PELLICER	Yes	salt marsh	2B3,4	YES	YES	NO	13,952
	DURBIN	Yes	salt marsh	4,1	NO	YES	NO	872
	ST.AUGUSTINE	No	---	---	---	---	---	872
	TISONIA	Yes	salt marsh	4,1	NO	YES	NO	872
25: PARKWOOD FINE SANDY LOAM, FLOODED	PARKWOOD	Yes	flood plain	2B3,4	YES	YES	NO	4,326
	BLUFF	Yes	flood plain	2B3,4	YES	YES	NO	254
	FLORIDANA	Yes	flood plain	2B2,4	YES	YES	NO	254
	MANATEE	Yes	flood plain	2B2,4	YES	YES	NO	254
26: SAMSULA MUCK	SAMSULA	Yes	swamp	1,3	NO	NO	YES	4,020
	HONTOON	Yes	depression	1,3	NO	NO	YES	236
	TOMOKA	Yes	depression	1,3	NO	NO	YES	236
	WESCONNETT	Yes	depression	3,2B2	YES	NO	YES	236

HYDRIC SOILS LIST--Continued
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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
27: ST. AUGUSTINE FINE SAND	ST. AUGUSTINE	No	---	---	---	---	---	1,748
	MOULTRIE	Yes	salt marsh	2B2,4	YES	YES	NO	55
	PELLICIER	Yes	salt marsh	2B3,4	YES	YES	NO	37
28: BEACHES	BEACHES	Yes	beach	2B1,4	YES	YES	NO	2,299
	SATELLITE	Unranked	---	---	---	---	---	121
29: SATELLITE FINE SAND	SATELLITE	No	---	---	---	---	---	1,503
	FRIPP	No	---	---	---	---	---	84
	POMPANO	No	---	---	---	---	---	50
	MOULTRIE	Yes	salt marsh	2B2,4	YES	YES	NO	33
30: WESCONNETT FINE SAND, FLOODED	WESCONNETT	Yes	flood plain	2B1,4	YES	YES	NO	4,016
	BAKERSVILLE	Yes	flood plain	2B3,4	YES	YES	NO	251
	MYAKKA	Yes	depression	2B1,3	YES	NO	YES	251
	ST. JOHNS	Yes	depression	3,2B1	YES	NO	YES	251
	TOMOKA	Yes	depression	1,3	NO	NO	YES	251
31: FRIPP-SATELLITE COMPLEX	FRIPP	No	---	---	---	---	---	1,540
	SATELLITE	No	---	---	---	---	---	840
	NARCOOSSEE	No	---	---	---	---	---	280
	POMPANO	No	---	---	---	---	---	140
32: PALM BEACH SAND, 0 TO 5 PERCENT SLOPES	PALM BEACH	No	---	---	---	---	---	648
	ASTATULA	No	---	---	---	---	---	40
	FRIPP	No	---	---	---	---	---	40
	NARCOOSSEE	No	---	---	---	---	---	40
	PAOLA	No	---	---	---	---	---	40
33: JONATHAN FINE SAND	JONATHAN	No	---	---	---	---	---	153
	CASSIA	No	---	---	---	---	---	8
	MYAKKA	No	---	---	---	---	---	8
34: TOCOI FINE SAND	TOCOI	No	---	---	---	---	---	11,814
	TOCOI	Yes	marine terrace	2B3	YES	NO	NO	3,938
	PLACID	Yes	marine terrace	2B1	YES	NO	NO	1,969
	MYAKKA	No	---	---	---	---	---	984

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
35: HONTOON MUCK	ST. JOHNS	Yes	marine terrace	2B1	YES	NO	NO	984
	HONTOON	Yes	depression	1,3	NO	NO	YES	2,034
	SAMSULA	Yes	depression	1,3	NO	NO	YES	113
	WESCONNETT	Yes	depression	2B2,3	YES	NO	YES	113
36: RIVIERA FINE SAND, FLOODED	RIVIERA	Yes	flood plain	2B1,4	YES	YES	NO	21,284
	BLUFF	Yes	flood plain	4,2B3	YES	YES	NO	1,252
	MANATEE	Yes	flood plain	2B2,4	YES	YES	NO	1,252
	WINDER	Yes	flood plain	2B1,4	YES	YES	NO	1,252
38: PITS	PITS	No	---	---	---	---	---	287
	AQUENTS	Yes	---	2B3,3	YES	NO	YES	123
40: POTTSBURG FINE SAND	POTTSBURG	No	---	---	---	---	---	3,024
	POTTSBURG	Yes	marine terrace	2B1	YES	NO	NO	648
	IMMOKALEE	No	---	---	---	---	---	432
	RIVIERA	Yes	marine terrace	2B1	YES	NO	NO	216
41: TOMOKA MUCK	TOMOKA	Yes	depression	1,3	NO	NO	YES	3,896
	HONTOON	Yes	marsh	1,3	NO	NO	YES	487
	SAMSULA	Yes	marsh	1,3	NO	NO	YES	487
42: BLUFF SANDY CLAY LOAM, FLOODED	BLUFF	Yes	flood plain	2B3,4	YES	YES	NO	3,077
	FLORIDANA	Yes	flood plain	2B1,4	YES	YES	NO	181
	MANATEE	Yes	flood plain	4,2B2	YES	YES	NO	181
	PARKWOOD	Yes	flood plain	2B1,4	YES	YES	NO	181
44: SPARR FINE SAND, 0 TO 5 PERCENT SLOPES	SPARR	No	---	---	---	---	---	4,412
	ADAMSVILLE	No	---	---	---	---	---	519
	POMONA	No	---	---	---	---	---	260
45: ST. AUGUSTINE FINE SAND, CLAYEY SUBSTRATUM	ST. AUGUSTINE	No	---	---	---	---	---	1,152
	POMPANO	No	---	---	---	---	---	128
46: HOLOPAW FINE SAND	HOLOPAW	No	---	---	---	---	---	11,613
	HOLOPAW	Yes	marine terrace	2B3	YES	NO	NO	2,488
	POMPANO	Yes	marine terrace	2B1	YES	NO	NO	830

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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
47: HOLOPAW FINE SAND, FLOODED	RIVIERA	Yes	marine terrace	2B1	YES	NO	NO	830
	WINDER	Yes	marine terrace	2B3	YES	NO	NO	830
	HOLOPAW	Yes	flood plain	4,2B1	YES	YES	NO	8,433
	FLORIDANA	Yes	flood plain	4,2B2	YES	YES	NO	468
	MYAKKA	Yes	depression	2B1,3	YES	NO	YES	468
48: WINDER FINE SAND, FLOODED	WINDER	Yes	flood plain	2B3,4	YES	YES	NO	2,567
	BLUFF	Yes	flood plain	2B3,4	YES	YES	NO	302
	HOLOPAW	Yes	flood plain	2B1,4	YES	YES	NO	151
49: MOULTRIE FINE SAND, FLOODED	MOULTRIE	Yes	salt marsh	2B1,4	YES	YES	NO	1,557
	PELLICIER	Yes	salt marsh	1,4	NO	YES	NO	86
	TISONIA	Yes	salt marsh	1,4	NO	YES	NO	86
50: NARCOOSSEE FINE SAND, SHELLY SUBSTRATUM	NARCOOSSEE	No	---	---	---	---	---	324
	ADAMSVILLE	No	---	---	---	---	---	18
	POMPANO	No	---	---	---	---	---	18
51: ST. AUGUSTINE-URBAN LAND COMPLEX	ST. AUGUSTINE	No	---	---	---	---	---	1,441
	URBAN LAND	No	---	---	---	---	---	917
	FRIPP	No	---	---	---	---	---	131
	SATELLITE	No	---	---	---	---	---	131
52: DURBIN MUCK, FLOODED	DURBIN	Yes	salt marsh	1,4	NO	YES	NO	657
	MOULTRIE	Yes	salt marsh	4,2B1	YES	YES	NO	36
	TISONIA	Yes	salt marsh	4,1	NO	YES	NO	36
53: IMMOKALEE-URBAN LAND COMPLEX	IMMOKALEE	No	---	---	---	---	---	685
	URBAN LAND	No	---	---	---	---	---	548
	CASSIA	No	---	---	---	---	---	68
	IMMOKALEE	Yes	marine terrace	2B1	YES	NO	NO	68
54: ASTATULA-URBAN LAND COMPLEX	ASTATULA	No	---	---	---	---	---	540
	URBAN LAND	No	---	---	---	---	---	432
	IMMOKALEE	No	---	---	---	---	---	54
	POMELLO	No	---	---	---	---	---	54

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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
55: ARENTS, 0 TO 2 PERCENT SLOPES	ARENTS	No	---	---	---	---	---	140
57: ADAMSVILLE VARIANT FINE SAND	ADAMSVILLE VARIANT	No	---	---	---	---	---	594
	IMMOKALEE	No	---	---	---	---	---	33
	ST, JOHNS	Yes	marine terrace	2B2	YES	NO	NO	33
58: EAUGALLIE FINE SAND	EAUGALLIE	No	---	---	---	---	---	4,326
	EAUGALLIE	Yes	marine terrace	2B1	YES	NO	NO	927
	RIVIERA	Yes	marine terrace	2B1	YES	NO	NO	927
61: RIVIERA FINE SAND, DEPRESSIONAL	RIVIERA	Yes	marsh	2B1,3	YES	NO	YES	3,618
	BLUFF	Yes	depression	3,2B3	YES	NO	YES	201
	WINDER	Yes	flood plain	4,2B3	YES	YES	NO	201
62: FLORIDANA FINE SAND	FLORIDANA	Yes	marine terrace	3,2B1	YES	NO	YES	5,995
	FLORIDANA	No	---	---	---	---	---	4,796
	FLORIDANA	Yes	depression	3,2B1	YES	NO	YES	1,199
63: PLACID FINE SAND	PLACID	Yes	marine terrace	2B2	YES	NO	NO	6,137
	ELLZEY	No	---	---	---	---	---	361
	FLORIDANA	Yes	depression	2B2,3	YES	NO	YES	361
	HOLOPAW	Yes	marine terrace	2B1	YES	NO	NO	361
64: ELLZEY FINE SAND	ELLZEY	No	---	---	---	---	---	4,278
	ELLZEY	Yes	marine terrace	2B1	YES	NO	NO	2,139
	ANCLOTE	Yes	marine terrace	2B1	YES	NO	NO	356
	FLORIDANA	Yes	depression	3,2B2	YES	NO	YES	356
65: RIVIERA FINE SAND	RIVIERA	No	---	---	---	---	---	7,476
	RIVIERA	Yes	marine terrace	2B1	YES	NO	NO	3,115
	FLORIDANA	Yes	marine terrace	2B2	YES	NO	NO	623
	HOLOPAW	Yes	marine terrace	2B2	YES	NO	NO	623
	POMPANO	No	---	---	---	---	---	623
66: TERRA CEIA MUCK, FLOODED	TERRA CEIA	Yes	flood plain	1,4	NO	YES	NO	9,216
	RIVIERA	Yes	flood plain	2B1,4	YES	YES	NO	512
	WINDER	Yes	flood plain	4,2B3	YES	YES	NO	512

HYDRIC SOILS LIST--Continued
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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
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67: TISONIA MUCKY PEAT, FLOODED	TISONIA	Yes	salt marsh	1,4	NO	YES	NO	1,089
	DURBIN	Yes	salt marsh	4,1	NO	YES	NO	60
	PELLICIER	Yes	salt marsh	4,2B3	YES	YES	NO	60
68: WINDER FINE SAND	WINDER	No	---	---	---	---	---	1,424
	WINDER	Yes	marine terrace	2B3	YES	NO	NO	777
	FLORIDANA	Yes	marine terrace	2B2	YES	NO	NO	259
	RIVIERA	Yes	depression	3,2B1	YES	NO	YES	130
69: BAKERSVILLE MUCK	BAKERSVILLE	Yes	depression	3,2B3	YES	NO	YES	4,170
72: WATER	WATER	No	---	---	---	---	---	1,610